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UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : **Confirmation No. 9738**
Martin Hermann Klemens BRUNE et al. : Docket No. 2001_1463A
Serial No. 09/937,296 : Group Art Unit 1652
Filed September 25, 2001 : Examiner David J. Steadman

ASSAYS FOR NUCLEOSIDE DIPHOSPHATES
AND TRIPHOSPHATES

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AMENDMENT

Assistant Commissioner for Patents,
Washington, D.C.

Sir:

Responsive to the Official Action dated October 8, 2002, the time for responding thereto being extended for two months in accordance with a petition for extension submitted concurrently herewith, please amend the above-identified application as follows:

IN THE SPECIFICATION

Please replace the paragraph on page 4, lines 16-22, with the following revised paragraph:

C1
One particularly preferred modification is the addition of a fluorescent label to the enzyme, typically via a cysteine residue. If the wild-type protein lacks a suitable cysteine residue (*e.g.* the NDPK of *Myxococcus xanthus* (SEQ ID NO: 1)), this can easily be introduced by mutagenesis [*e.g.* 19]. A suitable position for mutation can easily be determined by the skilled person, whilst ensuring that the mutation does not disrupt the enzymatic activity [*e.g.* 20]. At any given amino acid residue, particular labels may give better results than others. Suitable combinations of label and residue can be determined by routine experimentation.